

Title (en)
VOICE CONTROL OF A MEDICAL IMPLANT

Title (de)
SPRACHSTEUERUNG EINES MEDIZINISCHEN IMPLANTATS

Title (fr)
COMMANDE VOCALE D'UN IMPLANT MÉDICAL

Publication
EP 3610918 B1 20230927 (EN)

Application
EP 19187806 A 20100719

Priority
• SE 0901008 A 20090717
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• EP 10800120 A 20100719
• SE 2010050858 W 20100719

Abstract (en)
[origin: WO2011008164A1] An implantable system (11) for control of and communication with an implant (17) in a body, comprising a command input device (12) and a processing device (13) coupled thereto, the processing device (13) being adapted to generate input to a command generator (16) which is comprised in the system (11) coupled to the processing device (13) and which is adapted to generate and communicate commands to the medical implant (17) in response to input received from the processing device (13), the system (11) further comprising a memory unit (15) connected to at least one of said devices in the system (11) for storing a memory bank of commands. The command input device (12) is adapted to receive commands from a user as voice commands, and the processing device (13) comprises a filter adapted to filter voice commands against high frequency losses and frequency distortion caused by the mammal body (10).

IPC 8 full level
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CPC (source: EP US)
A61M 5/142 (2013.01 - US); **A61N 1/00** (2013.01 - US); **A61N 1/37211** (2013.01 - EP US); **A61N 1/37217** (2013.01 - EP US); **A61N 1/3787** (2013.01 - EP US); **A61F 2/0036** (2013.01 - EP US); **A61F 2/01** (2013.01 - EP US); **A61F 2/24** (2013.01 - EP US); **A61F 2002/044** (2013.01 - EP US); **A61F 2250/0001** (2013.01 - EP US); **A61M 5/14** (2013.01 - EP US); **A61M 2205/80** (2013.01 - EP US); **G10L 15/20** (2013.01 - EP US); **G10L 15/26** (2013.01 - US); **G10L 21/02** (2013.01 - EP US); **G10L 21/0208** (2013.01 - EP US); **G10L 25/84** (2013.01 - EP US); **G10L 2015/223** (2013.01 - EP US); **G10L 2021/02165** (2013.01 - EP US)

Citation (examination)
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GB2584264A; GB2582461B; GB2584264B

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WO 2011008164 A1 20110120; EP 2453979 A1 20120523; EP 2453979 A4 20121226; EP 2453979 B1 20190724; EP 3610918 A1 20200219; EP 3610918 B1 20230927; EP 3610918 C0 20230927; EP 4272809 A2 20231108; EP 4272809 A3 20240117; ES 2959694 T3 20240227; US 11000687 B2 20210511; US 11957923 B2 20240416; US 2012116774 A1 20120510; US 2017148437 A1 20170525; US 2021220653 A1 20210722; US 2024024690 A1 20240125; US 9192773 B2 20151124

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